

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	((zhangyi near wu) (gary near m near miller) (james near e near sclater) (filiz near taskin) (dvid near o near corp)).in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/13 15:37
S1	29	("20010008534" "20010028644" "20010040042" "20020007490" "20020018491" "20020027876" "20020027927" "20020039359" "20020044597" "20020056137" "20020080933" "20020097105" "20020167970" "20030012362" "20030142759").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 15:45
S2	314	370/536.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 14:40
S3	49	S2 and (inverse near5 multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 18:31
S4	16	S3 and (DS3 or E3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 14:56
S5	7	S4 and ((packet adj3 index\$3) or (sequenc\$3 adj3 number\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:44
S7	31	(inverse adj2 multiple\$3) and dsl and (DS3 or T3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:56
S9	231	(inverse adj2 multiple\$4) and (DS3 or T3 or E3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 10:41

S10	108	(inverse adj2 multiple\$4 and modem and (DS3 or T3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 10:50
S11	54	(inverse adj2 multiple\$4 and dsl and (DS3 or T3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:56
S13	2517	(inverse near5 (multiplex \$3 or mux)) or imux	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 18:32
S14	318	S13 and (DS3 or E3 or T3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:23
S15	120	S14 and ((twisted adj2 pair) or copper)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 07:17
S16	0	atkino.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 10:05
S17	27	actelis.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 08:38
S18	2	"5608733".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 10:19
S19	7	"617363".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 11:28
S20	6	"510550".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 12:57
S21	2	"6421296".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 12:58
S22	108	(inverse adj2 multiple\$4 and modem and (DS3 or T3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:28
S23	67	S22 and loop\$back	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:46

S24	2820	loop\$back and code and processor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:48
S25	1	(identify near loop\$back near code) and processor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:48
S26	236	(loop\$back with code) and processor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:51
S27	3158	(loop\$back with (code or signal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:52
S28	618	(loop\$back with (code or signal)) and intermediate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:53
S29	215	(loop\$back with (code or signal)) and intermediate and maintenance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:53
S30	419	(loop\$back with (code or signal)) and intermediate and test\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 07:25
S31	419	(loop\$back with (code or signal)) and intermediate and test\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 16:35
S33	275	S31 and (consecutive or repeat\$3 or row)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 16:27
S34	2	"6657963".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 16:28
S35	2	"6657953".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 16:28
S36	108	(DS3 and loop\$back with (code or signal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 16:52
S37	40	(DS3 and loop\$back with (code or signal)) and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 16:52

S38	2	"3692964".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 17:42
S39	2524	(inverse near5 (multiplex \$3 or mux)) or imux	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:56
S40	158	S39 and (DS3 or E3 or T3) and packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:24
S41	33	S39 and (DS3 or E3 or T3) and packet adj2 (number or sequence or index)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:49
S42	72	S39 and (DS3 or E3 or T3) and packet near5 (number or sequence or index)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:07
S43	7	S39 and ((multilink adj2 point\$to\$point) or mlptp)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:36
S44	7	S43 and packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:55
S45	4	S43 and packet near5 (number or index)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:56
S46	12	("4470112" "4631534" "4704606" "4958341" "5140582" "5179556" "5293378" "5764624" "5784357" "5949778" "6026092" "6148010").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 13:59
S47	85	S39 and (DS3 or E3 or T3) and packet with (number or sequence or index)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:27
S48	44	((multilink adj2 point\$to\$point) or mlptp)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:56
S49	2	"6754714".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 15:00

S50	2	"6160808".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 15:00
S51	360	S39 and packet with (number or sequence or index)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:58
S52	33867	(inverse near5 (multiplex \$3 or mux)) or imux or (load adj2 balanc\$3) or (load adj2 shar\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:57
S53	4309	S52 and packet with (number or sequence or index)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 17:13
S54	29	S52 and segmentation and reassembly and resequencing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 17:14
S55	888	loop\$back and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:29
S56	55	loop\$back and repeater and ds3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:58
S57	2	loop\$back and repeater and ds3 and FEAC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 11:04
S58	12	loop\$back and repeater and ds3 and (number adj2 times)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 11:11
S60	71	loop\$back and ds3 and (number adj2 times)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 11:13
S61	340	loop\$back and ds3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 11:14
S62	55	loop\$back and ds3 and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 11:37
S63	46	loop\$back and ds3 and repeater and test\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 12:06

S64	2	"6958908".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 12:07
S65	2	"3692964".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 13:26
S68	912	repeater and active and stand\$by	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 13:28
S69	701	repeater and active and stand\$by and switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 13:29
S70	123	repeater and (active same stand\$by same switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 13:29
S71	2	repeater and non \$repeater with (switch or selector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:14
S72	2337	repeater and terminal with (switch or selector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 07:27
S73	73	repeater and terminal with (switch or selector) and ds3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 07:27
S74	3665	repeater and (non \$repeater or terminal or end\$station) with (switch or select\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 07:39
S75	290	repeater and (non \$repeater or terminal or end\$station) with (switch or select\$3) and (ds3 or t3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 08:30
S76	17	repeater and (non \$repeater or (terminal adj station) or (end adj2 station) or (line adj terminal)) with (switch or select\$3) and (ds3 or t3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 08:41

S77	392	repeater and (non \$repeater or (terminal adj station) or (end adj2 station) or (line adj terminal)) with (switch or select\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:03
S78	20	"same" with (module or unit or circuit) with (repeater and ((line adj2 (terminal or unit) or (end adj2 station))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:35
S79	1	"same" with (module or unit or circuit) with (repeater and ((line adj2 (terminal or unit) or (end adj2 station)))) with (selector or switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:19
S80	42919	"same" with (module or unit or circuit) with (repeater adj station) and (terminal adj2 station) or (line adj2 terminal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:37
S81	12	"same" with (module or unit or circuit) with (repeater adj station) and ((terminal adj2 station) or (line adj2 terminal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:38
S82	6	"same" with (module or unit or circuit) with (repeater adj station) with ((terminal adj2 station) or (line adj2 terminal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:12
S84	2	repeater with (end adj unit) with (switch or selector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:15
S85	91	repeater with (terminal adj (unit or station)) with (switch or selector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:23
S86	4	repeater with (terminal adj (unit or station)) with using with "same" with (module or unit or circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:25
S87	30	repeater with (terminal adj (unit or station)) with "same" with (module or unit or circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:54

S88	3	repeater with (terminal adj (unit or station)) with "same" with (module or unit or circuit) with switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:56
S89	9512	repeater and configur\$5 and switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:57
S90	213	repeater with configur\$5 with switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 11:05
S92	448667	repeater with (end adj unit) or (terminal adj2 (unit or station))(configur \$5 or select\$4) with (switch or (dip adj switch) or conmutator or bridge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 11:13
S97	57041	repeater with (end adj unit) or (terminal adj2 (unit or station))(configur \$5 or select\$4) with (switch or (dip adj switch) or conmutator or bridge) and west and east	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 11:14
S100	311	repeater and (dip adj switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 11:17
S101	104	repeater and (dip adj switch)and ("370".clas. or "455".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 11:25
S102	80	repeater and (dip adj switch)and ("370".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 12:31
S103	42	repeater and (dip adj switch)and ("455".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 12:41
S104	311	repeater and (dip adj switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 12:57
S105	15351	repeater and (switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 12:57

S106	3402	repeater and (switch) and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 12:57
S107	3402	repeater and switch and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 12:57
S108	126569	repeater and switch and "370".clas. and t1 or e1 or ds3 or pcm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 12:58
S109	1089	repeater and switch and "370".clas. and (t1 or e1 or ds3 or pcm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 13:01
S110	1092	repeater and (switch or jumper)and "370".clas. and (t1 or e1 or ds3 or pcm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 13:01
S111	55	repeater and ((dip adj switch) or jumper)and "370".clas. and (t1 or e1 or ds3 or pcm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 13:17
S112	13	repeater and ((dip adj switch) or jumper)and "370".clas. and east and west	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 13:44
S113	106	repeater and ((dip adj switch) or jumper)and "370".clas. and local and remote	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 13:45
S114	97	repeater and terminal and local and remote and dip adj switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:37
S115	11	back adj3 back adj2 repeaters	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:40
S116	6	ds3 near3 repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:48
S117	103	two\$wire near5 repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:07
S118	62	(ds3 or t3) near5 repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:08

S119	27	actelis.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:26
S120	3159	(loop\$back with (code or signal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:20
S121	38	S120 and dip adj switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:21
S122	0	actelis.as. and dip adj switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:35
S123	5161	dsl adj modem	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:35
S124	233	dsl adj modem and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:39
S125	56	dsl near5 repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:58
S126	1924	repeater with address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:59
S127	430	S126 and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 17:03
S128	6	S127 and ds3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 17:00
S129	135	S126 and "370".clas. and (twisted or copper) adj pair	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 17:04
S130	2	"6101172".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:10
S131	230	1:1 adj protection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:44

S132	46	1:1 adj protection and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:33
S133	452	(1:1 or 1+1) adj protection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:45
S134	63	(1:1 or 1+1) adj protection and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:47
S135	0	(1:1 or 1+1) adj protection with chassis and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:48
S136	1	(1:1 or 1+1) adj protection with chassis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 15:42
S137	44	c-bit and loopback	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 15:55
S138	10	c-bit and (ds3 with loopback)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 15:56
S139	752	(tsatsanis itri lao).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 15:08
S140	1	S139 and ds3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 14:57
S141	41	S139 and copper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 14:57
S142	30	(tsatsanis).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 15:18
S143	2	"5181198".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 15:20
S144	2	"5381412".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 08:40

S146	2	"5619505".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 08:40
S149	2	"5065396".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 09:20
S150	24	ds3 with (four S146) adj2 channel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 09:47
S151	4	"4322844".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 09:42
S152	361	(ds3 t3) same (four S146) adj4 (channel link circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 09:49
S153	116	(ds3 t3) with (four S146) adj4 (channel link circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 09:49
S154	5	aktino.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 10:21
S155	2546808	"45" mbit same "13" mbit	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 10:21
S156	0	"45" adj mbit same "13" adj mbit	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 10:22
S157	0	("45" adj mbit) same ("13" adj mbit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 10:22
S158	355	("45" adj m) same ("13" adj m)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 10:23
S159	3	("45" adj mb) same ("13" adj mb)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 11:19
S160	4521	framer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 11:19

S161	48	framer and stream adj number	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 10:26
S162	988	framer same number	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 11:26
S163	30	framer with (stream link circuit channel) adj2 number	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 11:27
S165	2	(inverse adj multiplex\$3) and (framer with (stream link circuit channel) adj2 number)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 11:28
S166	17	("5875192" "5905781" "6002670" "6005873" "6021158" "6084885" "6310894" "6404861" "6452942" "6480487" "6499061" "6501770" "6580727" "6618374" "6775305" "6781985" "6801539").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 15:40
S167	17	("5875192" "5905781" "6002670" "6005873" "6021158" "6084885" "6310894" "6404861" "6452942" "6480487" "6499061" "6501770" "6580727" "6618374" "6775305" "6781985" "6801539").PN. OR ("7092412").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/04 10:45
S168	105	(ds3 t3) and "11" adj Mbps	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/04 15:02
S169	1	(ds3 t3) with "11" adj Mbps	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/04 10:48
S170	4	(ds3 t3) with "4" adj links	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/04 10:48
S171	230	(inverse adj2 multiple\$4) and (DS3 or T3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 10:50
S172	49	(inverse adj2 multiple\$4) with (DS3 or T3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 13:14
S173	4	(inverse adj2 multiple\$4) with (DS3 or T3) with ("4" or four)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 13:19

S174	830	(DS3 or T3) with ("4" or four) with ("11" or eleven)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 13:22
S175	15138	(DS3 or T3) with ("4" or four)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 13:23
S176	128031	(DS3 or T3) with ("4" or four) znd "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 13:23
S177	769	(DS3 or T3) with ("4" or four) and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 13:24
S178	228	(DS3) with ("4" or four) and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 13:24
S179	2049	("11" "13") adj Mbps	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/04 15:04
S180	15	("11" "13") adj Mbps and ds3	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/04 15:04
S181	2	"5875192".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 16:31
S182	33	framer with (stream sequence link channel) adj2 number	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 10:26
S183	128	(inverse adj2 multiple\$4) with (four "4")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 11:27
S184	44	(inverse adj2 multiple\$4) with (pots twisted copper analog)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 13:41
S185	6	(inverse adj2 multiple\$4) with ((stream link) adj (number indicat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 13:44
S186	13	(inverse adj2 multiple\$4) same ((stream link) adj (number indicat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 13:46
S187	82	(inverse adj2 multiple\$4) and ((stream link) adj (number indicat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 10:00

S188	318	(inverse adj2 multiple\$4 and (overhead ("13" adj Mbps))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 15:30
S189	0	(inverse adj2 multiple\$4 and (("13" adj Mbps))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 15:32
S190	1	(inverse adj2 multiple\$4 and (("13" adj Mb\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 15:34
S191	318	(inverse adj2 multiple\$4 and (overhead)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 15:20
S192	191	(inverse adj2 multiple\$4 and (overhead) and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 15:47
S193	0	"18" adj "%" with (overhead) and "370". clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 15:48
S194	1	"18" adj2 ("% percent) same (overhead) and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 15:51
S195	2	"6490296".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:46
S196	3	"7006500".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:47
S197	102	(inverse adj2 multiple\$4 and ((stream link) adj (number identif\$6 indicat \$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 10:08
S198	11	(inverse adj2 multiple\$4 and (packet header) with ((stream link) adj (number identif\$6 indicat \$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 10:13
S199	71	(inverse adj2 multiple\$4 and (packet header) with ((stream link channel pair conductor) adj (number identif\$6 indicat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 10:13

S200	52	(US-20050220180-\$ or US-20040062198-\$ or US-20030097624-\$ or US-20030048756-\$ or US-20030043753-\$ or US-20040165888-\$ or US-20060056330-\$ or US-20060203757-\$ or US-20050281268-\$ or US-20060056522-\$ or US-20030128706-\$ or US-20020176139-\$ or US-20030169780-\$ or US-20030123476-\$).did. or (US-6985503-\$ or US- 7065104-\$ or US- 7133441-\$ or US- 4980887-\$ or US- 7054376-\$ or US- 6657953-\$ or US- 5060226-\$ or US- 3692964-\$ or US- 6091738-\$ or US- 5365590-\$ or US- 5699353-\$ or US- 5365512-\$ or US- 4449247-\$ or US- 5134609-\$ or US- 4069402-\$ or US- 5848054-\$ or US- 4611324-\$ or US- 5065396-\$ or US- 7092412-\$ or US- 6775305-\$ or US- 6618374-\$ or US- 6002670-\$ or US- 4551830-\$ or US- 5875192-\$ or US- 7197031-\$ or US- 7161953-\$).did. or (US- 6198749-\$ or US- 5787114-\$ or US- 6822960-\$ or US- 6205142-\$ or US- 6490296-\$ or US- 7006500-\$).did. or (EP- 818941-\$ or WO- 3096620-\$).did. or (JP- 59092638-\$).did. or (EP- 161900-\$ or JP- 06021910-\$ or EP- 143489-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/06 12:42
S201	8	S200 and framer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/06 12:42

S202	9	(inverse adj2 multiple\$4) and (overhead) with "13"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 16:16
S203	30	(inverse adj2 multiple\$4) and (overhead) with "12"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 15:22
S204	29	("20010008534" "20010028644" "20010040042" "20020007490" "20020018491" "20020027876" "20020027927" "20020039359" "20020044597" "20020056137" "20020080933" "20020097105" "20020167970" "20030012362" "20030142759").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 16:15
S205	0	S204 and "64" adj2 byte	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 16:18
S206	0	S204 and stuff\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 16:16
S207	0	S204 and stuff\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 16:18
S208	126	(inverse adj2 multiple\$4) and stuff\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 17:43
S209	52	(US-20050220180-\$ or US-20040062198-\$ or US-20030097624-\$ or US-20030048756-\$ or US-20030043753-\$ or US-20040165888-\$ or US-20060056330-\$ or US-20060203757-\$ or US-20050281268-\$ or US-20060056522-\$ or US-20030128706-\$ or US-20020176139-\$ or US-20030169780-\$ or US-20030123476-\$).did. or (US-6985503-\$ or US- 7065104-\$ or US-	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 15:59

		7133441-\$ or US- 4980887-\$ or US- 7054376-\$ or US- 6657953-\$ or US- 5060226-\$ or US- 3692964-\$ or US- 6091738-\$ or US- 5365590-\$ or US- 5699353-\$ or US- 5365512-\$ or US- 4449247-\$ or US- 5134609-\$ or US- 4069402-\$ or US- 5848054-\$ or US- 4611324-\$ or US- 5065396-\$ or US- 7092412-\$ or US- 6775305-\$ or US- 6618374-\$ or US- 6002670-\$ or US- 4551830-\$ or US- 5875192-\$ or US- 7197031-\$ or US- 7161953-\$).did. or (US- 6198749-\$ or US- 5787114-\$ or US- 6822960-\$ or US- 6205142-\$ or US- 6490296-\$ or US- 7006500-\$).did. or (EP- 818941-\$ or WO- 3096620-\$).did. or (JP- 59092638-\$).did. or (EP- 161900-\$ or JP- 06021910-\$ or EP- 143489-\$).did.				
S210	12	S209 and stuff\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 16:18
S211	4	S209 and "64" adj2 byte	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 17:17
S212	4	S209 and (("64" adj2 byte) ("512" adj bit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/07 10:25
S213	69	(inverse adj multiplex\$3) and (("64" adj2 byte) ("512" adj bit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 17:25

S214	18	S213 and (begin\$3 end \$3) adj3 packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 17:27
S215	0	S209 and (begin\$3 end \$3) adj3 packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 17:30
S216	4	S209 and multilink adj protocol	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 17:30
S217	66	(inverse adj2 multiple\$4) and "64" adj2 byte	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 17:44
S218	69	(inverse adj multiplex\$3) and (("64" adj2 byte) ("512" adj bit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 17:51
S219	25	S209 and "64"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/06 18:09
S220	69	(inverse adj multiplex\$3) and (("64" adj2 byte) ("512" adj bit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/07 10:33
S221	60	(inverse adj multiplex\$3) and (("64" adj2 byte) ("512" adj bit)) and fram \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/07 10:34
S222	58	(inverse adj multiplex\$3) and (("64" adj2 byte) ("512" adj bit)) and fram \$3 and (begin\$3 start)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/07 14:58
S223	7882	(stream link channel pair) with (number indicator identifier bit byte field) with \$wire	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/07 15:01
S224	23	S223 and (inverse adj multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/07 15:01
S225	19	(identifier indicator) with (wiring adj error)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/07 15:50
S226	118	(identifier indicator detect\$3) with (wiring adj error)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/07 15:50

S227	55	(US-20050220180-\$ or US-20040062198-\$ or US-20030097624-\$ or US-20030048756-\$ or US-20030043753-\$ or US-20040165888-\$ or US-20060056330-\$ or US-20060203757-\$ or US-20050281268-\$ or US-20060056522-\$ or US-20030128706-\$ or US-20020176139-\$ or US-20030169780-\$ or US-20030123476-\$ or US-20050008041-\$ or US-20020080825-\$).did. or (US-6985503-\$ or US- 7065104-\$ or US- 7133441-\$ or US- 4980887-\$ or US- 7054376-\$ or US- 6657953-\$ or US- 5060226-\$ or US- 3692964-\$ or US- 6091738-\$ or US- 5365590-\$ or US- 5699353-\$ or US- 5365512-\$ or US- 4449247-\$ or US- 5134609-\$ or US- 4069402-\$ or US- 5848054-\$ or US- 4611324-\$ or US- 5065396-\$ or US- 7092412-\$ or US- 6775305-\$ or US- 6618374-\$ or US- 6002670-\$ or US- 4551830-\$ or US- 5875192-\$ or US- 7197031-\$ or US- 7161953-\$).did. or (US- 6198749-\$ or US- 5787114-\$ or US- 6822960-\$ or US- 6205142-\$ or US- 6490296-\$ or US- 7006500-\$ or US- 6731678-\$).did. or (EP- 818941-\$ or WO- 3096620-\$).did. or (JP- 59092638-\$).did. or (EP- 161900-\$ or JP- 06021910-\$ or EP- 143489-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 15:59
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S228	2	S227 and wir\$4 adj error	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 16:00
S230	2	S227 and ((wir\$4 adj error) miswir\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 08:16
S231	9	loopback with code with consecutive	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 09:09
S232	16	loopback with code with (consecutive subsequent)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 09:36
S233	29	number with loopback with code	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 09:07
S234	5	number with times with loopback with code	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 09:07
S235	34	loopback with code with repeat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 09:09
S236	48	loopback with code with (consecutive subsequent repeat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:38
S237	2	repeater with non \$repeater with switch	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:43
S238	254	repeater with end with switch	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:40
S239	497	repeater with terminal with switch	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:40
S240	4653	repeater with switch	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:40
S241	0	repeater with non \$repeater with select\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:43
S242	4	repeater with non \$repeater with configur \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 15:05
S243	97	(T3 ds3) with repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:59
S244	76	S243 and switch	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 15:00
S245	3650	repeater and (non \$repeater end) with (configur\$5 select\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 15:13

S246	72	S245 and (Ds3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 15:06
S247	455	repeater with (non \$repeater end) with (configur\$5 select\$3 switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 15:15
S248	244	repeater with (non \$repeater end) with (configur\$5 select\$3 dip)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 15:24
S249	31	DS3 with repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 15:25
S250	72	inverse adj multiplex\$3 and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:14
S251	59	(US-20050220180-\$ or US-20040062198-\$ or US-20030097624-\$ or US-20030048756-\$ or US-20030043753-\$ or US-20040165888-\$ or US-20060056330-\$ or US-20060203757-\$ or US-20050281268-\$ or US-20060056522-\$ or US-20030128706-\$ or US-20020176139-\$ or US-20030169780-\$ or US-20030123476-\$ or US-20050008041-\$ or US-20020080825-\$).did. or (US-6985503-\$ or US- 7065104-\$ or US- 7133441-\$ or US- 4980887-\$ or US- 7054376-\$ or US- 6657953-\$ or US- 5060226-\$ or US- 3692964-\$ or US- 6091738-\$ or US- 5365590-\$ or US- 5699353-\$ or US- 5365512-\$ or US- 4449247-\$ or US- 5134609-\$ or US- 4069402-\$ or US- 5848054-\$ or US- 4611324-\$ or US- 5065396-\$ or US- 7092412-\$ or US- 6775305-\$ or US- 6618374-\$ or US- 6002670-\$ or US- 4551830-\$ or US-	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 16:25

		5875192-\$ or US-7197031-\$ or US-7161953-\$).did. or (US-6198749-\$ or US-5787114-\$ or US-6822960-\$ or US-6205142-\$ or US-6490296-\$ or US-7006500-\$ or US-6731678-\$ or US-5784558-\$ or US-5726993-\$ or US-5144624-\$ or US-5437023-\$).did. or (EP-818941-\$ or WO-3096620-\$).did. or (JP-59092638-\$).did. or (EP-161900-\$ or JP-06021910-\$ or EP-143489-\$).did.				
S252	27	S251 and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 16:19
S254	88	DS3 and back-to-back	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:18
S255	12	S254 and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:14
S256	55	back-to-back with repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/11 09:18
S257	9126	repeat with switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 09:52
S258	4398	repeat near5 switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 09:52
S259	1853	repeat near2 switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 09:52
S260	889	repeat near switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 09:53
S261	892	repeater near switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 09:58

S262	47	S260 and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 09:58
S263	961	repeater with switch with (select control)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 10:10
S264	183	S263 and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 09:58
S265	1	non-repeater with switch with (select control)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 10:09
S266	5	repeater with (dip adj switch) with (select control)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 10:12
S267	22	repeater with (dip adj switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:01
S268	58	repeater with west with east	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 12:42
S269	39	S268 and switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 12:53
S270	23	S268 and switch with (configur\$5 select\$3 set \$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:46
S271	2	(east west) with (dip adj switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:02
S272	967	(east west) with configur \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:03
S273	197	repeater with switch with address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:47
S274	6	repeater with (dip adj switch) with address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:49

S275	10	repeater same (dip adj switch) with address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:58
S276	10	repeater same (dip adj switch) same address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:58
S277	120	repeater and (dip adj switch) same address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 14:02
S278	26	loopback and (dip adj switch) same address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 15:40
S279	120	repeater and (dip adj switch) same address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 14:30
S280	1637	west and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 15:40
S281	119	repeater and ("2000" "2100" "2200" "2300" "2400" "2500" "2600") adj (feet ft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 14:37
S282	1071	data adj rate with (copper twisted)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 15:29
S283	363	S282 and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 14:43
S284	27	S283 and "13" adj Mbps	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 15:28
S286	28	"13" adj mbps with (copper twisted)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/26 15:29
S287	1245	inverse adj multiplex\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 14:33

S288	307	S287 and (copper twisted)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 14:33
S289	220	S288 and modem	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 14:33
S290	2	"6002670".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 14:47
S291	124	S289 and (ds3 t3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 14:57
S292	841	(inverse adj multiplex\$3) and (packet cell)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 16:55
S293	452	S292 and sequence and (link stream)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 16:55
S294	12	S292 and (sequence and (link stream)) adj number	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 16:56
S295	207	repeater and (code sequence) same loop \$back	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/26 17:10
S296	111	repeater and (code sequence) with loop \$back	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/26 17:11
S297	4	repeater and (code sequence) with loop \$back with (subsequent repeated repetitions)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/26 17:30
S298	3	("4161635" "4336610" "4355215").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/26 17:52

S299	18	("2509365" "3083270" "3172965" "3392242" "3410968" "3560670" "3617657" "3760127" "3814840" "3911226" "4025737" "4069402" "4122358").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/26 17:56
S300	0	"929431".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/26 17:58
S301	6	"929431".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/26 17:58
S302	2738	switch same repeater and ((end adj unit) terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/26 19:59
S303	1184	switch same repeater same ((end adj unit) terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/26 19:59
S304	6	switch same repeater same ((end adj unit))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/26 20:00
S305	540	switch with repeater with ((end adj unit) terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/26 20:01
S307	15	switch with (select) with repeater with ((end adj unit) terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/26 20:03
S308	138	(select) with repeater with ((end adj unit) terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/26 20:03
S309	6	(select) with mode with repeater with ((end adj unit) terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/26 20:05
S310	24	(select\$3) with mode with repeater with ((end adj unit) terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/26 20:06

S311	240	(select\$3) with mode with repeater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/26 20:06
S312	46	switch with (select\$3) with mode with repeater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/26 20:06
S313	2	button with (select\$3) with mode with repeater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/26 20:08
S314	14	repeater with loop\$back with (select\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 08:56
S315	36	repeater with (loop\$back loop\$up) with code	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 09:25
S316	0	repeater with (loop\$back loop\$up) with code with (repetition)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 09:26
S317	1	repeater and (loop\$back loop\$up) with code same (repetition)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 09:26
S318	33	repeater with push \$button	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 09:41
S319	0	repeater with (push \$button button switch) with (end\$unit)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 09:45
S320	7663	(push\$button button switch) same (end\$unit repeater non\$repeater)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 09:45

S321	5462	(push\$button button switch) with (end\$unit repeater non\$repeater)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 09:45
S322	248	(push\$button button) with (end\$unit repeater non\$repeater)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 09:45
S323	0	(push\$button button) with (end\$unit non \$repeater)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 09:47
S324	2	(push\$button button switch) with (end\$unit non\$repeater)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 09:47
S325	21	(push\$button button switch) same (end\$unit end\$terminal non \$repeater)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 09:48
S326	49260	(DS3 or E3 or T3) same ("4" four)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 16:26
S327	1216	(DS3) same ("4" four)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 16:26
S328	47	(DS3) same (divided split) with ("4" four)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 16:27
S329	3	versitron.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 16:28
S330	2	(DS3 or E3 or T3 "44.736") same "11.184"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 16:32
S331	2	"7295608".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 16:35
S332	11363	(DS3 or E3 or T3 "44.736") same (four S329)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 16:49

S333	5	(DS3 or E3 or T3 "44.736") same (four S329) adj stream	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 16:49
S334	77	(DS3 or E3 or T3 "44.736") same (four S329) adj (stream channel link)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 16:52
S335	182	dsl with modem with "13"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 16:59
S336	0	dsl with modem with "13" adj mbps	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 16:59
S337	1	dsl with modem with "13" with mbps	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:00
S338	1224	"13" with mbps	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:00
S339	140	"13" adj mbps	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:00
S340	0	S339 and inverse adj multiplex\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:02
S341	15	S339 and ((inverse adj multiplex\$3) demux demultiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:03
S342	0	S339 and (inverse adj multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:05
S343	237	"13" adj3 mbps	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:06
S344	3	S343 and (inverse adj multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:06
S345	8	"12.96" adj3 mbps	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:16

S346	53	(twisted copper) same (inverse adj multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 07:42
S347	7	(twisted copper) same (inverse adj multiplex\$3) same (ds3 t3 e3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 07:43
S348	758	(inverse adj multiplex\$3) and fram\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 08:12
S349	219	S348 and (stream link channel sequence) adj2 number	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 08:12
S350	175	S348 and (stream link sequence) adj2 number	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 08:19
S351	5	S348 and (stream link) adj2 number same sequence adj2 number	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 08:20
S352	672	(inverse adj multiplex\$3) and packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 08:42
S353	289	(inverse adj multiplex\$3) same packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 08:42
S354	24	(inverse adj multiplex\$3) same packet same sequence adj number	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 08:42
S356	0	"44.736" adj mbps same "11.184" adj mbps	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 09:55
S357	1	"44.736" adj mbps and "11.184" adj mbps	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 09:55
S358	1	(ds3 e3) and "11.184" adj mbps	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 09:56

S361	3	(ds3 e3) same (inverse adj multiplex\$3) same four	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 09:57
S362	0	("44.736" "45") adj mbps same (inverse adj multiplex\$3) same four	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 09:59
S363	5	(("44.736" "45") adj mbps (ds3 t3 ds-3 t-3)) same (inverse adj multiplex\$3) same four	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 10:30
S364	35	hatteras.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 10:40
S365	752	(("44.736" "45") adj mbps (ds3 t3 ds-3 t-3)) same ((inverse adj multiplex\$3) split\$4 divid \$3) same four	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 10:43
S366	51	(("44.736" "45") adj mbps (ds3 t3)) same ((inverse adj multiplex \$3) split\$4 divid\$3) same four adj8 (link stream line)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 10:45
S367	16559	copper with bonded	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 10:51
S368	3	(("44.736" "45") adj mbps (ds3 t3)) same ((inverse adj multiplex \$3) split\$4 divid\$3) same four with (copper twisted)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 10:51
S369	17	aktino.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 11:16
S370	0	ds3 same (bonded adj copper)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 13:10
S371	1	ds3 and (bonded adj copper)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 13:10
S372	106	ds3 same copper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 13:11

S373	211	ds3 with (pdh sdh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 13:28
S374	85	ds3 near4 (pdh sdh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 13:29
S375	40	ds3 near2 (pdh sdh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 13:29
S376	14	ds3 near2 (pdh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 13:30
S377	6	"363926".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 14:13
S378	67	dsl and ("12.96" "13") adj mbps	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 17:03
S380	5	dsl with ("12.96" "13") adj mbps	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 17:09
S381	32	dsl same ("12.96" "13") adj mbps	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 17:13
S382	75	(US-20050008041-\$ or US-20020080825-\$ or US-20050220180-\$ or US-20030123476-\$ or US-20030128706-\$ or US-20030169780-\$ or US-20040062198-\$ or US-20030097624-\$ or US-20030048756-\$ or US-20040165888-\$ or US-20030043753-\$ or US-20060056330-\$ or US-20020032004-\$ or US-20060203757-\$ or US-20050281268-\$ or US-20060056522-\$ or US-20020176139-\$ or US-20030107999-\$ or US-20020115455-\$ or	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/06 17:28

US-20020150107-\$ or
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143489-\$.did.

S383	13	S382 and (round adj robin)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 17:28
S384	75	(US-20050008041-\$ or US-20020080825-\$ or US-20050220180-\$ or US-20030123476-\$ or US-20030128706-\$ or US-20030169780-\$ or US-20040062198-\$ or US-20030097624-\$ or US-20030048756-\$ or US-20040165888-\$ or US-20030043753-\$ or US-20060056330-\$ or US-20020032004-\$ or US-20060203757-\$ or US-20050281268-\$ or US-20060056522-\$ or US-20020176139-\$ or US-20030107999-\$ or US-20020115455-\$ or US-20020150107-\$ or US-20030223446-\$ or US-20030103465-\$ or US-20030086514-\$).did. or (US-7133441-\$ or US- 7092412-\$ or US- 6985503-\$ or US- 6775305-\$ or US- 6618374-\$ or US- 6205142-\$ or US- 6198749-\$ or US- 7065104-\$ or US- 6002670-\$ or US- 5065396-\$ or US- 7161953-\$ or US- 7054376-\$ or US- 5437023-\$ or US- 7230977-\$ or US- 7006500-\$ or US- 6490296-\$ or US- 5726993-\$ or US- 5144624-\$ or US- 4980887-\$ or US- 6657953-\$ or US- 5784558-\$ or US- 4551830-\$ or US- 5060226-\$ or US- 3692964-\$ or US- 6731678-\$ or US- 7197031-\$).did. or (US- 6091738-\$ or US- 5699353-\$ or US- 5134609-\$ or US-	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/07 08:35

		4449247-\$ or US- 5365590-\$ or US- 5365512-\$ or US- 4069402-\$ or US- 5848054-\$ or US- 4611324-\$ or US- 6967589-\$ or US- 5875192-\$ or US- 6822960-\$ or US- 5787114-\$ or US- 6404804-\$ or US- 6928056-\$ or US- 4402075-\$ or US- 4122358-\$ or US- 5566161-\$ or US- 7085293-\$ or US- 6608834-\$).did. or (EP- 818941-\$ or WO- 3096620-\$).did. or (JP- 59092638-\$).did. or (EP- 161900-\$ or JP- 06021910-\$ or EP- 143489-\$).did.				
S385	22	S384 and (stuff\$3 pad \$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 08:35
S387	1074	(packet) near3 "64" adj bytes	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 09:25
S388	0	(packet) near3 "64" adj bytes with framing adj byte	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 09:26
S389	2	(packet) near3 "64" adj bytes and inverse adj multiplexing	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 09:26
S390	10	(packet) near3 "64" adj bytes and ds3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 09:27
S391	31	(stuff\$3 pad\$4) with (vary change) with size with packet	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 13:51

S392	76	(US-20050008041-\$ or US-20020080825-\$ or US-20050220180-\$ or US-20030123476-\$ or US-20030128706-\$ or US-20030169780-\$ or US-20040062198-\$ or US-20030097624-\$ or US-20030048756-\$ or US-20040165888-\$ or US-20030043753-\$ or US-20060056330-\$ or US-20020032004-\$ or US-20060203757-\$ or US-20050281268-\$ or US-20060056522-\$ or US-20020176139-\$ or US-20030107999-\$ or US-20020115455-\$ or US-20020150107-\$ or US-20030223446-\$ or US-20030103465-\$ or US-20030086514-\$).did. or (US-7133441-\$ or US- 7092412-\$ or US- 6985503-\$ or US- 6775305-\$ or US- 6618374-\$ or US- 6205142-\$ or US- 6198749-\$ or US- 7065104-\$ or US- 6002670-\$ or US- 5065396-\$ or US- 7161953-\$ or US- 7054376-\$ or US- 5437023-\$ or US- 7230977-\$ or US- 7006500-\$ or US- 6490296-\$ or US- 5726993-\$ or US- 5144624-\$ or US- 4980887-\$ or US- 6657953-\$ or US- 5784558-\$ or US- 4551830-\$ or US- 5060226-\$ or US- 3692964-\$ or US- 6731678-\$ or US- 7197031-\$).did. or (US- 6091738-\$ or US- 5699353-\$ or US- 5134609-\$ or US- 4449247-\$ or US- 5365590-\$ or US- 5365512-\$ or US- 4069402-\$ or US- 5848054-\$ or US-	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/07 13:52
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		4611324-\$ or US- 6967589-\$ or US- 5875192-\$ or US- 6822960-\$ or US- 5787114-\$ or US- 6404804-\$ or US- 6928056-\$ or US- 4402075-\$ or US- 4122358-\$ or US- 5566161-\$ or US- 7085293-\$ or US- 6608834-\$ or US- 7035294-\$).did. or (EP- 818941-\$ or WO- 3096620-\$).did. or (JP- 59092638-\$).did. or (EP- 161900-\$ or JP- 06021910-\$ or EP- 143489-\$).did.				
S393	6	S392 and (stuff\$3 pad \$4) adj bits	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 13:52
S394	23	S392 and (stuff\$3 pad \$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 13:54
S395	2	"20080095191".did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 14:12
S396	306	(switch button) with repeater with (non- repeater end)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 14:23
S397	192	(switch button) with repeater with (non- repeater end)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/07 14:24
S398	3551	(switch button) with repeater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/07 14:25
S399	202	(button) with repeater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/07 14:25

S400	317	(switch button) with repeater with (non-repeater terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/07 14:27
S401	316	(switch button) with repeater with (terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/07 14:27
S402	11	(button) with repeater with (non-repeater terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/07 14:32
S403	20	(button) with repeater with (non-repeater terminal end)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/07 14:43
S404	4	(dip adj switch) with repeater with (non-repeater terminal end)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 14:44
S405	79	(back adj2 back) with repeater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 14:57
S406	122	(back adj2 back) with (repeater regenerator)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 14:59
S407	531	(select\$3) with repeater with (non-repeater terminal end)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 15:05
S408	47	(selector) with repeater with (non-repeater terminal end)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 15:05
S409	22	ds3 adj4 repeater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 15:10

S410	0	(selector) with repeater with (lte)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 15:39
S411	637	(selector dipadj switch) with (repeater regenerator) with (terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 15:39
S412	94	(selector dipadj switch) with (function operation mode) with (repeater regenerator) with (terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 15:41
S413	3	(selector (dip adj switch)) with (function operation mode) with (repeater regenerator) with (terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 15:42
S414	8	(selector (dip adj switch) button) with (function operation mode) with (repeater regenerator) with (terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 15:43
S415	99	(selector (dip adj switch) button switch) with (function operation mode) with (repeater regenerator) with (terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 15:44
S416	772	(selector (dip adj switch) button) with (repeater regenerator)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 17:36
S417	260	((dip adj switch) button) with (repeater regenerator)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 17:37
S418	0	config with intermediate with (repeater regenerator)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 09:19
S419	39	config\$6 with intermediate with (repeater regenerator)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 09:19

S420	4	(switch button) with config\$6 with intermediate with (repeater regenerator)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 09:20
S421	0	(switch button) with config\$6 with (repeater regenerator) with lte	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 09:21
S422	15	(switch button) with config\$6 with (repeater regenerator) with end	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 09:21
S423	0	((dip adj switch) button) with config\$6 with (repeater regenerator) with (end lte office)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 09:23
S424	11	((dip adj switch) button) with config\$6 with (repeater regenerator)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 09:23
S425	11	((dip adj switch) button) with (config\$6 selct\$3) with (repeater regenerator)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 09:25
S426	0	((dip adj switch) button) with (config\$6 selct\$3) with (repeater regenerator) with terminal	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 09:26
S427	1	((dip adj switch) button) with (config\$6 selct\$3 program\$4) with (repeater regenerator) with terminal	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 09:26
S428	30	((dip adj switch) button) with (config\$6 selct\$3 program\$4) with (repeater regenerator)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 09:27
S429	174	(e1) with (repeater regenerator)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 09:31

S430	175	(e1) with (repeater regenerator lte)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 09:35
S431	12	(e1) with (repeater regenerator lte) with (button switch)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 09:35
S435	111	pcm with (repeater regenerator) with (terminal end office)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:02
S437	8	pcm with (repeater regenerator) with (switch button) with (terminal end office)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:02
S438	57	(repeater regenerator) with "or" with (lte end terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:05
S439	48	(repeater regenerator) with "or" with (lte office terminal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:06
S440	345	(repeater regenerator) with (outside outdoor) with (lte office terminal station)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:08
S441	1	(repeater regenerator) with (outside outdoor) with (lte office terminal station) with button	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:09
S442	0	(repeater regenerator) with (outside outdoor) with (lte station) with button	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:09
S443	237	(repeater regenerator) with (outside outdoor) with (lte station)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:09

S444	7	(pcm e1 ti dsr) same (repeater regenerator) with (outside outdoor) with (lte station)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:13
S445	1175	(pcm e1 ti dsr) same (repeater regenerator lte)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:14
S446	755	(pcm e1 ti dsr) with (repeater regenerator lte)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:14
S447	35	(pcm e1 ti dsr) with (repeater regenerator lte) with (button switch)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:14
S448	1252	multiplexer with repeater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:23
S449	61	multiplexer with repeater same back	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:24
S450	6	multiplexer with repeater same back adj2 back	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:26
S451	8	multiplexer same (repeater regenerator) same back adj2 back	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:28
S452	0	(inverse adj multiplexer) same back adj2 back	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:30
S453	23	(inverse adj multiplexer) and back adj2 back	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:30

S454	8	pulse adj link with repeater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:31
S455	0	(imux) same back adj2 back	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:34
S456	325	(multiplexer) same back adj2 back	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:34
S457	155	(multiplexer) with back adj2 back	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:34
S459	4	(multiplexer) with back adj2 back same repeater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 10:35
S460	0	(inverser adj multiplexer) with concatenat\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 11:05
S461	0	(inverser adj multiplexer) with cascad \$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 11:05
S462	0	(inverser adj multiplexer) with concat \$10	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 11:05
S463	548	(demultiplexer demux) with (concat\$10 cascad \$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 11:06
S464	2	(demultiplexer demux) with (concat\$10 cascad \$3) same repeater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 11:06

S465	9	(demultiplexer demux) with (concat\$10 casc \$3) same repeat\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 11:08
S466	13	(demultiplexer demux) with (concat\$10 casc \$3) same (repeat\$3 regenerat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 11:08
S467	16	(demultiplexer demux (inverse adj multiplex \$3)) with (concat\$10 cascad\$3) same (repeat \$3 regenerat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 11:13
S468	270	(demultiplexer demux (inverse adj multiplex \$3)) with (concat\$10 cascad\$3) and (repeat\$3 regenerat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 11:14
S469	972	pair adj gain	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 11:24
S470	147	(ds3 t3 sdh pdh stm) same back adj2 back	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 11:26
S471	47	(ds3 t3 sdh pdh stm) with back adj2 back	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 11:27
S472	8	pair adj gain and back adj back	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 12:52
S473	65	pair adj gain and repeater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 12:54
S474	252	repeater and back adj back	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 13:10

S475	62	repeater same back adj back	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 13:11
S476	28	(inverse adj multiplexer) and repeater	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 13:20
S477	28	(inverse adj multiplexer) and (repeater regenerator)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 13:20
S478	46	(transmitter with receiver) with (back adj back) and (repeater regenerator)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 13:26
S479	35	(transmitter with receiver) with (back adj back) same (repeater regenerator)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 13:27
S480	35	(transmitter with receiver) with (back adj back) same (repeater regenerator)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 15:43
S481	71	(transmitter with receiver) with (back adj back)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 15:52
S482	84	(transmitt\$3 with receive \$3) with (back adj back)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 15:59
S483	24	(transmitter with receiver) with (back adj back) same (transponder)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:08
S484	2038	(transmitter with connect \$3 with receiver) same (transponder repeat\$3 regenenerat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:10

S485	1199	(transmitter with connect\$3 with receiver) with (transponder repeat\$3 regenerat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:10
S486	25	(transmitter with connect\$3 with receiver) with (transponder repeat\$3 regenerat\$3) with (back adj3 back)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:11
S487	107	(transmitter with connect\$3 with receiver) with (transponder repeat\$3 regenerat\$3) and "370".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:11
S488	1	(transmitter with connect\$3 with receiver) with (transponder repeat\$3 regenerat\$3) and inverse adj multiplex\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:22
S489	51	ds3 with pdh	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:38

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